

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 4 | ((("6639203") or ("6330057") or ("3825322") or ("5084711")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/06/01 12:53 |
| S2 | 1745 | ((photodetect\$3 with lens\$3) same (reflect\$3 near3 film or coat\$3 or layer\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 12:55 |
| S3 | 703 | ((photodetect\$3 with lens\$3) same (reflect\$3 near3 (film or coat\$3 or layer\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 12:55 |
| S4 | 348 | ((photodetect\$3 with lens\$3) with (reflect\$3 near3 (film or coat\$3 or layer\$3))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 13:04 |
| S5 | 2314 | (photodetect\$3 with lens\$3) and "250"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 13:05 |
| S6 | 158 | (photodetect\$3 with lens\$3) and "250"/216.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 13:18 |
| S7 | 11 | (photodetect\$3 with lens\$3) and 372/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 13:21 |
| S8 | 24 | (photodetect\$3 same lens\$3) and 372/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 13:22 |
| S9 | 13 | S8 not S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 13:21 |
| S10 | 68 | (photodetect\$3 or photodiode or (photo near3 detect\$3)) and 372/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 13:28 |

EAST Search History

| | | | | | | |
|-----|-------|---|--|----|-----|------------------|
| S11 | 543 | 372/101.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 14:16 |
| S12 | 1385 | ((lens\$3 with reflect\$3) same feedback) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 14:17 |
| S13 | 1150 | S12 and (photodetect\$3 or detect\$3 or monitor or photocell or photodiode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/01 14:18 |
| S14 | 2 | ("5774614" "5812582").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/01 14:57 |
| S15 | 1 | ("5084711").PN. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:21 |
| S16 | 0 | aspheric near3 lens and "372"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:22 |
| S17 | 197 | aspheric near3 lens and "372"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 10:22 |
| S18 | 25 | aspheric near3 lens and "372"/101.ccls. | US-PGPUB; USPAT | OR | OFF | 2006/06/05 11:04 |
| S19 | 89 | semiconductor near3 laser near3 vcsel and "372"/\$.ccls. | USPAT | OR | OFF | 2006/06/05 11:15 |
| S20 | 3470 | distributed near3 feedback near3semiconductor near3 laser near3 vcsel | USPAT | OR | OFF | 2006/06/05 11:15 |
| S21 | 0 | distributed near3 feedback near3 semiconductor near3 laser near3 vcsel | USPAT | OR | OFF | 2006/06/05 11:15 |
| S22 | 13 | distributed near3 feedback near3 semiconductor near3 laser with vcsel | USPAT | OR | OFF | 2006/06/05 14:59 |
| S23 | 4643 | silicon near3 bond | USPAT | OR | OFF | 2006/06/05 15:00 |
| S24 | 240 | silicon near3 glue | USPAT | OR | OFF | 2006/06/05 15:00 |
| S25 | 88 | silicon adj glue | USPAT | OR | OFF | 2006/06/05 15:00 |
| S26 | 59200 | KUNIO.IN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/20 18:06 |

EAST Search History

| | | | | | | |
|-----|-------|---|--|----|-----|------------------|
| S27 | 2390 | S26 AND LASER | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/20 18:06 |
| S28 | 62 | S26 AND LASER NEAR3 SEMICONDUCTOR AND FEEDBACK | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/20 18:10 |
| S29 | 51 | (UEHARA NEAR3 KUNIO).IN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/20 18:10 |
| S30 | 5 | S29 AND LASER NEAR3 SEMICONDUCTOR AND FEEDBACK | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/20 18:11 |
| S31 | 21 | S29 AND LASER NEAR3 SEMICONDUCTOR | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/20 18:11 |
| S32 | 1 | ("6639203").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/28 11:21 |
| S33 | 1 | "20050180471" | US-PGPUB; USPAT | OR | OFF | 2007/02/28 16:54 |
| S34 | 60589 | lens\$3 with reflect\$3 with surface | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 17:25 |
| S35 | 76 | ((lens\$3 near3 reflect\$3 near3 surface\$1) with input with output) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 17:24 |

EAST Search History

| | | | | | | |
|-----|-------|---|--|----|----|------------------|
| S36 | 1024 | S34 and "372"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 17:25 |
| S37 | 12445 | lens\$3 near3 reflect\$3 near3 surface | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 19:13 |
| S38 | 206 | S37 and "372"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 19:12 |
| S39 | 12445 | lens\$3 near3 reflect\$3 near3 surface | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 19:17 |
| S40 | 3093 | S39 and "359"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 20:24 |
| S41 | 870 | lens\$3 near3 reflect\$3 near3 surface with refract\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/09/03 22:26 |
| S42 | 367 | S41 and "359"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 19:17 |
| S43 | 574 | 372/101.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 20:00 |

EAST Search History

| | | | | | | |
|-----|------|--|--|----|----|------------------|
| S44 | 44 | S39 and 359/642.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 20:27 |
| S45 | 20 | S39 and 359/729.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/02/28 20:27 |
| S46 | 588 | 372/101.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/09/03 21:53 |
| S47 | 1438 | 372/99.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/09/03 22:19 |
| S48 | 229 | 359/722.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/09/03 22:22 |
| S49 | 180 | 359/729.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/09/03 22:22 |
| S50 | 1984 | lens\$3 near3 reflect\$3 near3 surface and (photodetect\$3 or photodiode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/09/03 22:26 |